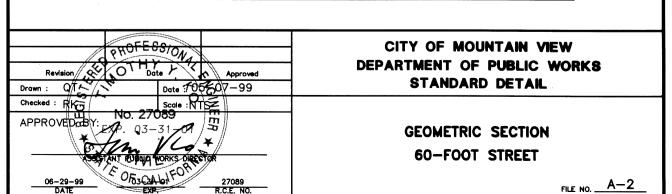
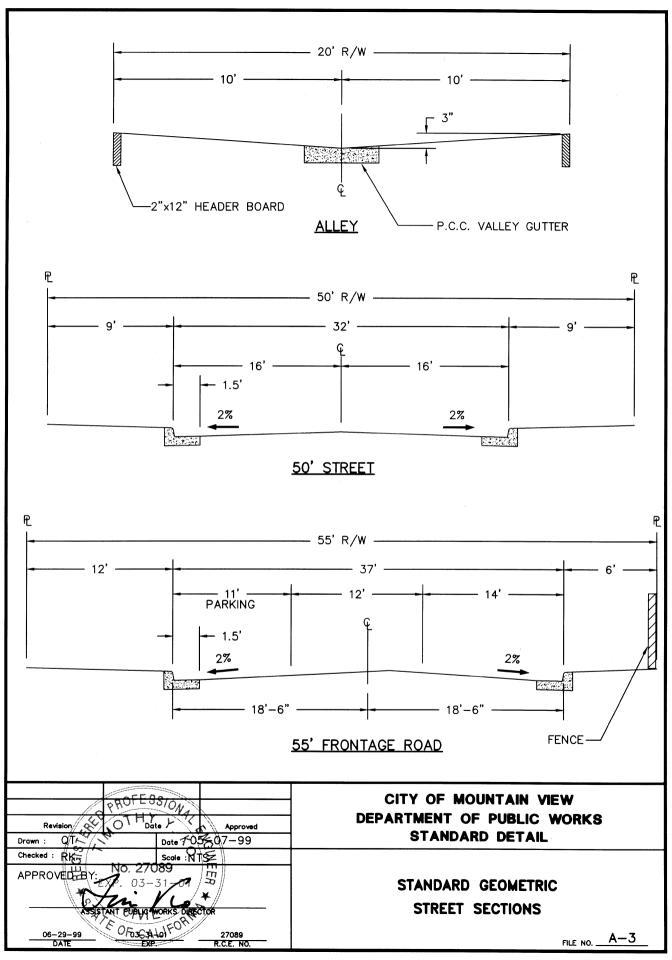


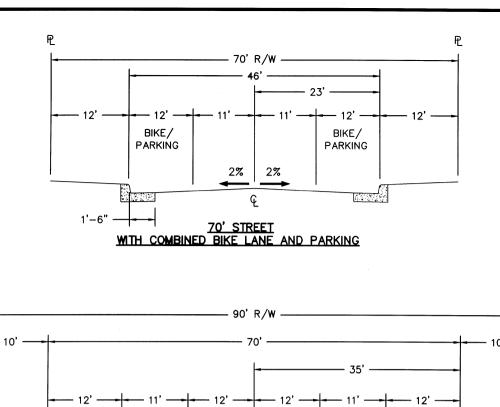
UTILITY LOCATIONS ARE TYPICAL FOR ALL STREET WIDTHS



R.C.E. NO.

FILE NO.





P

BIKE/

PARKING

DEPARTMENT OF PUBLIC WORKS

STANDARD DETAIL

STANDARD GEOMETRIC STREET SECTIONS

FILE NO. _

PL

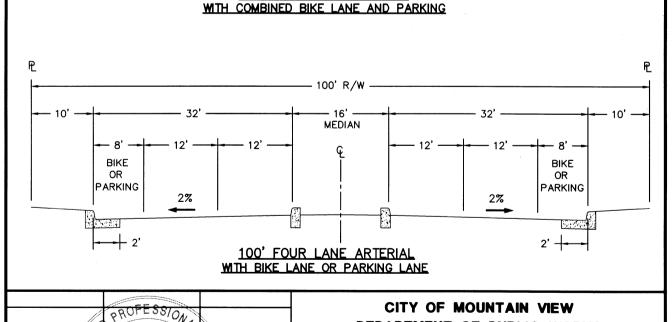
Checked : RK

APPROVED BY:

BIKE/

PARKING

-



Approved

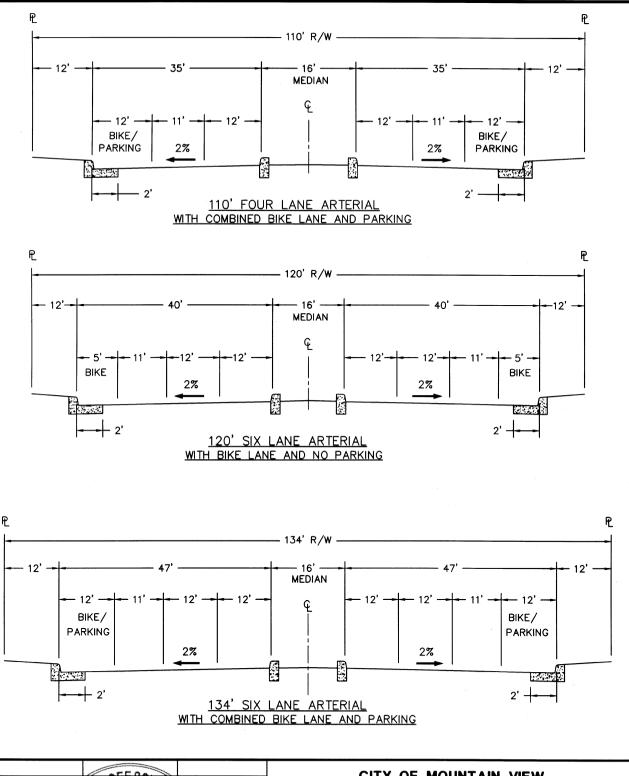
27089 R.C.E. NO.

Date :195207-99

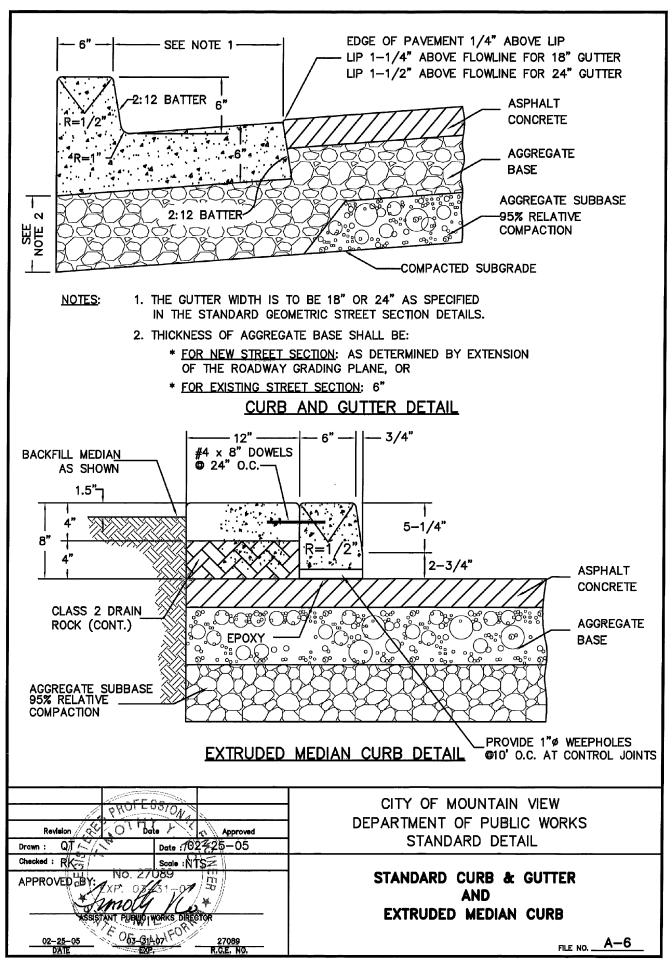
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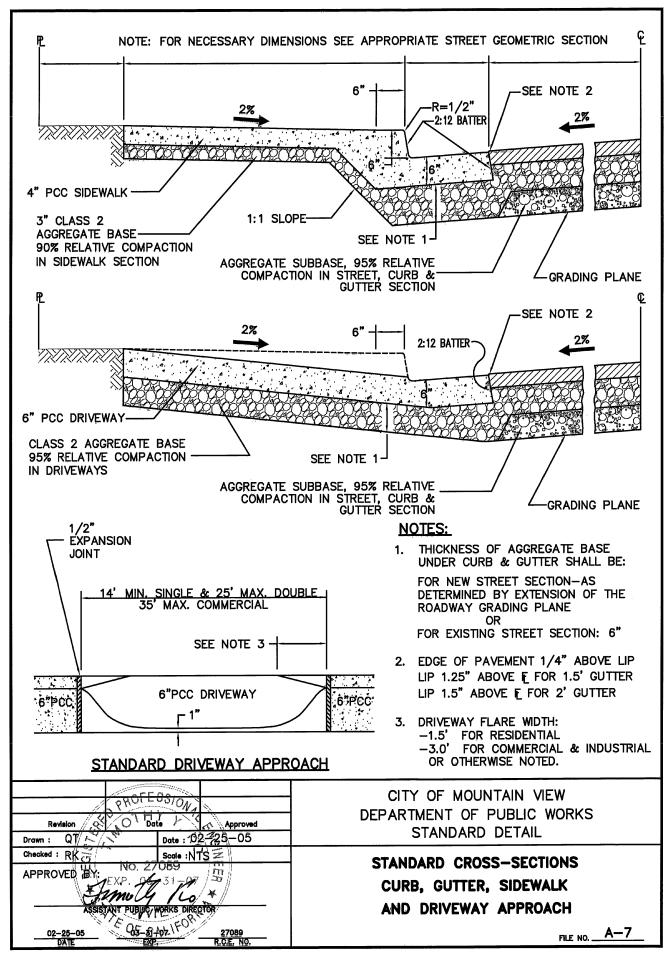
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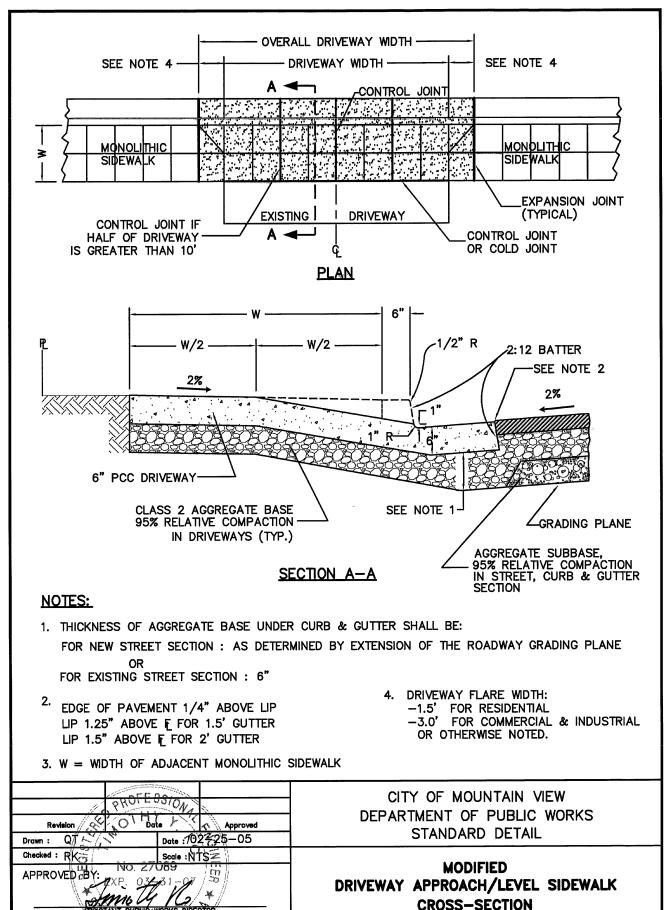
90' FOUR LANE ARTERIAL



PROFESSION CITY OF MOUNTAIN VIEW DEPARTMENT OF PUBLIC WORKS Revision STANDARD DETAIL Date: 105-201-99 Drawn : Scale :NTS Z Checked : RK No. 27089 APPROVED # STANDARD GEOMETRIC STREET SECTIONS 06-29-99 27089 A-5FILE NO. _

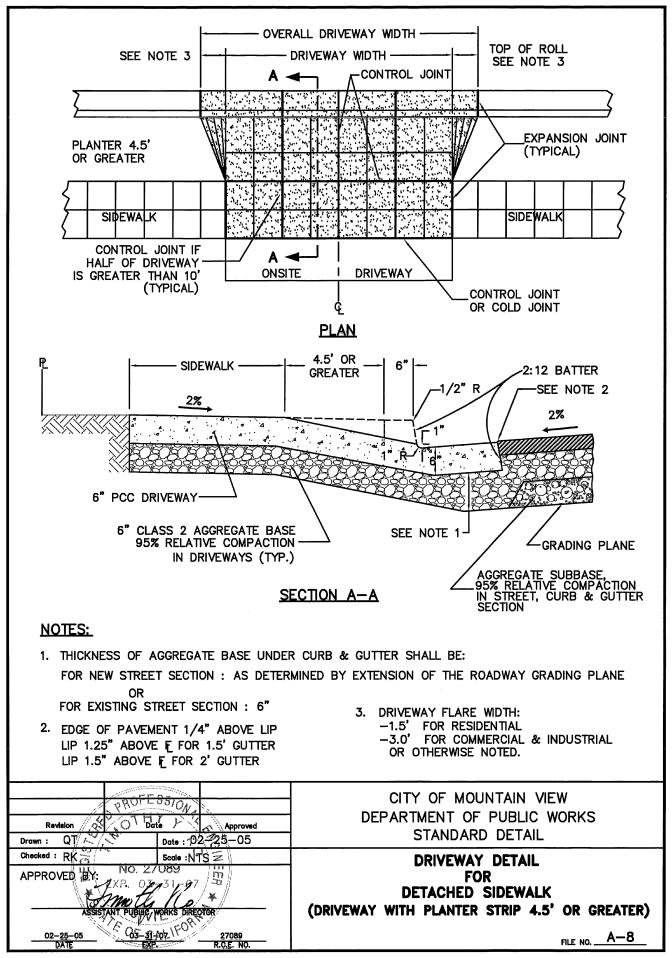


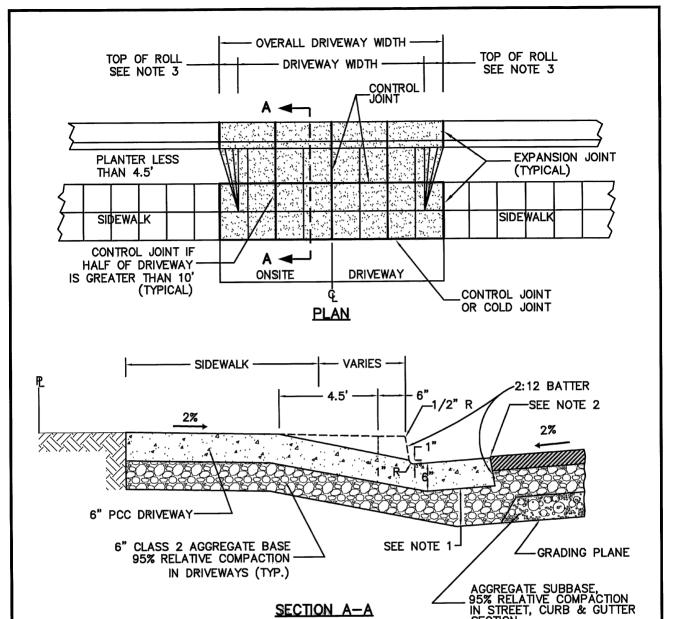




27089

FILE NO. A7—A





NOTES:

1. THICKNESS OF AGGREGATE BASE UNDER CURB & GUTTER SHALL BE: FOR NEW STREET SECTION: AS DETERMINED BY EXTENSION OF THE ROADWAY GRADING PLANE

SECTION A-A

OR FOR EXISTING STREET SECTION: 6"

2. EDGE OF PAVEMENT 1/4" ABOVE LIP LIP 1.25" ABOVE F FOR 1.5' GUTTER LIP 1.5" ABOVE F FOR 2' GUTTER

3. DRIVEWAY FLARE WIDTH:

-1.5' FOR RESIDENTIAL FOR COMMERCIAL & INDUSTRIAL OR OTHERWISE NOTED.

SECTION

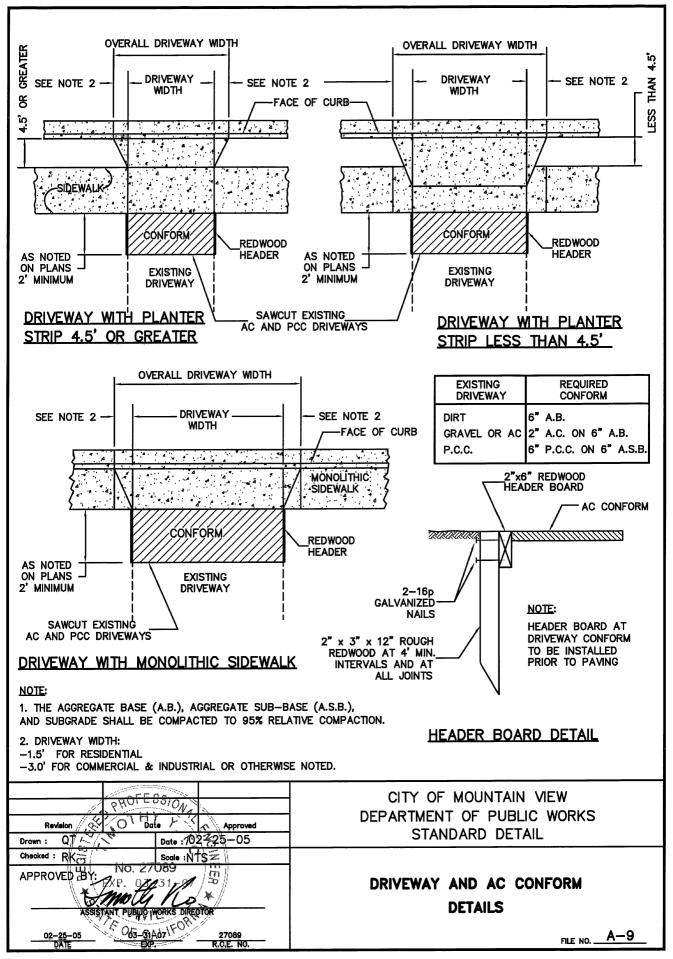
Revision Approved Date : 102 - 25-05 Checked : RK APPROVED B

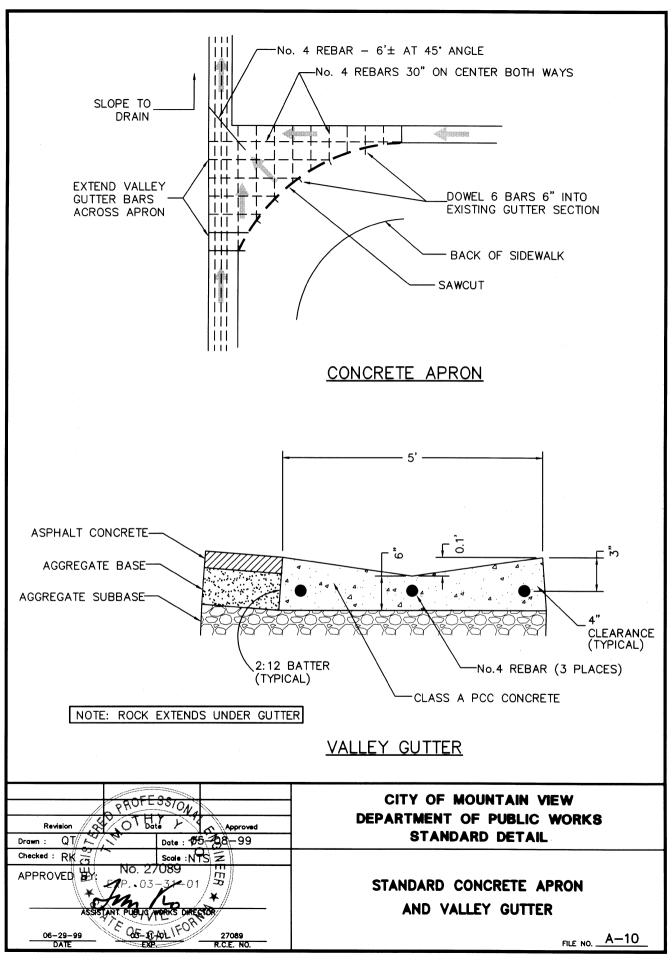
CITY OF MOUNTAIN VIEW DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL

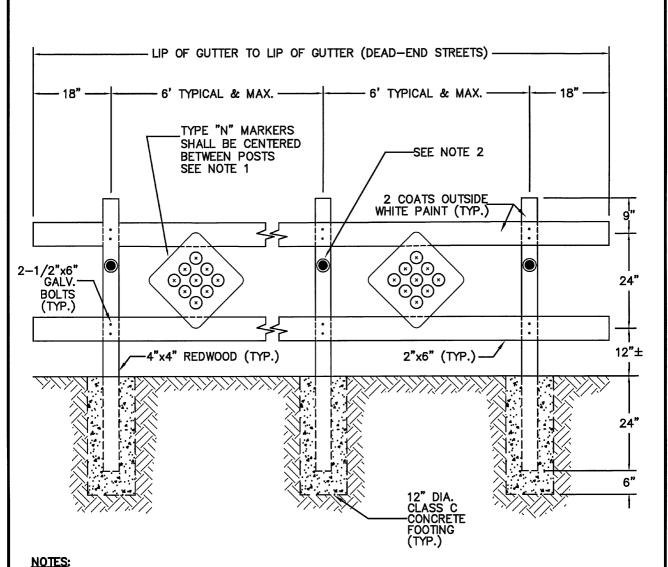
> DRIVEWAY DETAIL **FOR DETACHED SIDEWALK**

(DRIVEWAY WITH PLANTER STRIP LESS THAN 4.5')

FILE NO. A-8A







MOTES

- 1. TYPE N-4 MARKERS WITH AMBER PLASTIC REFLECTORS FOR BARRICADE ON THE SIDES OF THE STREET. TYPE N-5 MARKERS WITH RED PLASTIC REFLECTORS FOR BARRICADE AT DEAD-END OF THE STREET.
- 2. AMBER PLASTIC DISK FOR BARRICADE ON THE SIDES OF THE STREET. RED PLASTIC DISK FOR BARRICADE AT DEAD—END OF THE STREET.

Revision Pate Approved Drawn: QT Date: 192-325-05	CITY OF MOUNTAIN VIEW DEPARTMENT OF PUBLIC WORKS STANDARD DETAIL
APPROVED BY: NO. 27089	STANDARD BARRICADE

FILE NO. A-11

FRAME AND COVER - EMPIRE SURVEYOR'S NOTE: FOUNDRY CO. NO. MN-78, PHOENIX IRON WORKS NO. P-2001, OR APPROVED EQUAL EXACT POINT TO BE DETERMINED BY ACCURATE SURVEY AND CLEARLY OVER MONUMENT. FRAME AND COVER TO BE SET IN CONCRETE AFTER PAVING. PUNCHED IN TOP OF BRASS MARKER TOGETHER WITH ENGINEER'S R.C.E. NUMBER IN 1/8" HIGH NUMERALS. MONUMENT BOX FRAME SHOULD BE FLUSH WITH SURROUNDING PAVEMENT - 1 3/4" 8 1/2" 3/4"-- 3/4" 1" MIN. STREET SURFACE 1/2"x2 BOLT **-** 3/8' -5 7/8" 4 1/2" 3" SOLID BRASS MONUMENT MARKER 6" DIAMETER x 24" WITH 2" DIAMETER CAP AND CONCRETE MONUMENT 2-3/4" SHANK, LIETZ NO. 526 CONCRETE MONUMENT SHALL BE OR APPROVED EQUAL. TOP OF MONUMENT TO BE 4" MAXIMUM CONSTRUCTED USING FORM FOR ۵٠ BELOW STREET SURFACE. UPPER PORTION SO THAT CONCRETE IN MONUMENT DOES NOT BOND TO FOR MARKING, SEE FRAME OR CONCRETE IN WHICH SURVEYOR'S NOTE ABOVE. FRAME IS SET. CLASS B OR BETTER CONCRETE POURED IN PLACE PROFESSION CITY OF MOUNTAIN VIEW DEPARTMENT OF PUBLIC WORKS Revision Approved STANDARD DETAIL Date: 105-08-99 Drawn: Checked : RK Scale :NTS No. 27089 APPROVED BY: **7.** 03-STANDARD MONUMENT 06-29-99 27089 FILE NO. __A-12 DATE R.C.F. NO.

SIGN:

STREET NAME SIGN(S) SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR AS APPROVED BY THE CITY. SIGN(S) SHALL BE 3M HIGH INTENSITY PRISMATIC REFLECTIVE SHEETING BLUE (#3935) OR EQUAL WITH WHITE LETTERING. SEE LATEST CA MUTCD FOR REQUIRED LETTER HEIGHT, FONT AND RETROREFLECTIVITY LEVELS.

POSTS:

ALL POSTS SHALL BE STRAIGHT AND HAVE A SMOOTH UNIFORM FINISH AND SIZE.

POSTS SHALL BE TELESPAR OR APPROVED EQUAL PERFORATED 1-3/4" SQUARE, FOURTEEN (14) GAUGE STEEL POSTS AND MINIMUM 11'-4" IN LENGTH. POSTS SHALL BE MANUFACTURED FROM HOT-DIPPED GALVANIZED STEEL CONFORMING TO ASTM A 653, G-90, STRUCTURAL QUALITY, CLASS 1. THE CORNER WELD SHALL BE ZINC COATED AFTER SCARFING OPERATION. THE POST SHALL ALSO BE COATED WITH A CONVERSION COATING AND CLEAR ORGANIC POLYMER TOPCOAT. BOTH THE INTERIOR AND THE EXTERIOR OF THE POST SHALL BE GALVANIZED.

ANCHORS:

ANCHORS SHALL BE TELESPAR OR APPROVED EQUAL PERFORATED 2" SQUARE, TWELVE (12) GAUGE HOT-DIPPED GALVANIZED STEEL ANCHORS. A TWO-PIECE BREAKAWAY ANCHOR SYSTEM (ANCHOR ASSEMBLY) SHALL BE USED BY WELDING AN EIGHTEEN INCH (18") LONG, TWELVE (12) GAUGE OUTER SLEEVE OF THE NEXT LARGER SIZE PERFORATED TUBE TO THE ORIGINAL 2" SQUARE PERFORATED ANCHOR BASE.

HARDWARE:

STREET NAME SIGN BRACKETS SHALL BE APPROVED BY THE CITY AND SUPPLIED BY THE CONTRACTOR.

A. MOUNTED ON SIGN POST

PARTS	HAWKINS SIGN MOUNTING BRACKETS (UNLESS OTHERWISE SPECIFIED)
90° CROSSPIECE	V14F-(HD)SL-105(90)
SQUARE TUBE CAP	V14F-(HD)SL-107(2S)

B. MOUNTED ON ELECTROLIERS

WING BRACKET WITH SET SCREWS: V14-(HD)SL-AB-S68

POSTS AND ANCHORS INSTALLATION:

CONTRACTOR SHALL DRIVE THE ANCHOR ASSEMBLY INTO THE GROUND LEAVING TWO HOLES (APPROXIMATELY 2") OF THE ANCHOR ASSEMBLY EXPOSED ABOVE THE SURFACE. THE SIGN POST SHALL THEN BE INSERTED AND RIVETED INTO THE ANCHOR ASSEMBLY. CONTRACTOR SHALL USE 30" LONG ANCHORS IN DIRT AND LANDSCAPE AREAS AND 24" LONG ANCHORS IN SIDEWALK AREAS.

SIGN INSTALLATION:

ALL SIGNS SHALL BE INSTALLED ON POSTS/POLES WITH A MINIMUM 9 FEET 6 INCHES CLEARANCE FROM THE GROUND TO THE BOTTOM OF THE SIGN.

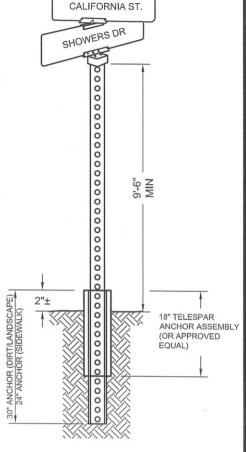
SIGN PLACEMENT

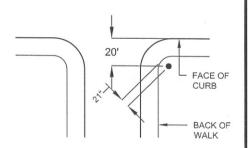
STREET NAME SIGNS SHALL BE PLACED ON NORTHWEST AND SOUTHEAST CORNERS OF INTERSECTION UNLESS OTHERWISE DIRECTED BY CITY TRAFFIC ENGINEER.

FOR LOCATIONS WHERE BOTH STOP SIGN AND STREET NAME SIGNS ARE TO BE INSTALLED, PLACEMENT OF SIGNS SHALL BE APPROVED BY CITY TRAFFIC ENGINEER.

57093

R.C.E. NO.





TYPICAL STREET NAME SIGN LOCATION

Revision Date: 03-20-17

Checked: AB Scale: NTS

APPROVED BY: No. 57093

CITY OF MOUNTAIN VIEW
PUBLIC WORKS DEPARTMENT
STANDARD DETAIL

STREET NAME SIGN

FILE NO. ____A-13

SIGN:

SIGN SHEETING SHALL BE 3M HIGH INTENSITY PRISMATIC (HIP) REFLECTIVE SHEETING OR APPROVED EQUAL. SEE LATEST CA MUTCD FOR REQUIRED LETTER HEIGHT, FONT AND RETROREFLECTIVITY LEVELS.

POSTS:

ALL POSTS SHALL BE STRAIGHT AND HAVE A SMOOTH UNIFORM FINISH AND SIZE.

POSTS SHALL BE TELESPAR OR APPROVED EQUAL PERFORATED 1-3/4" SQUARE, FOURTEEN (14) GAUGE STEEL POSTS AND MINIMUM 11'-4" IN LENGTH. POSTS SHALL BE MANUFACTURED FROM HOT-DIPPED GALVANIZED STEEL CONFORMING TO ASTM A 653, G-90, STRUCTURAL QUALITY, CLASS 1. THE CORNER WELD SHALL BE ZINC COATED AFTER SCARFING OPERATION. THE POST SHALL ALSO BE COATED WITH A CONVERSION COATING AND CLEAR ORGANIC POLYMER TOPCOAT. BOTH THE INTERIOR AND THE EXTERIOR OF THE POST SHALL BE GALVANIZED.

ANCHORS:

ANCHORS SHALL BE TELESPAR OR APPROVED EQUAL PERFORATED 2" SQUARE, TWELVE (12) GAUGE HOT-DIPPED GALVANIZED STEEL ANCHORS. A TWO-PIECE BREAKAWAY ANCHOR SYSTEM (ANCHOR ASSEMBLY) SHALL BE USED BY WELDING AN EIGHTEEN INCH (18") LONG, TWELVE (12) GAUGE OUTER SLEEVE OF THE NEXT LARGER SIZE PERFORATED TUBE TO THE ORIGINAL 2" SQUARE PERFORATED ANCHOR BASE.

HARDWARE:

DEPENDING ON THE TYPE OF INSTALLATION ON NEW OR EXISTING POSTS/POLES, THE FOLLOWING HARDWARE SHOULD BE USED:

- 3/8" STEEL RIVETS NO. VCR231 (WITH WASHERS) FOR NEW OR EXISTING SQUARE POSTS.
- BRACKET NO. M2G-C2B FOR EXISTING ROUND POSTS.
 2 BRACKETS PER SIGN
- VANDAL PROOF BOLTS TO ATTACH SIGNS.

SIGN INSTALLATION:

ALL SIGNS SHALL BE INSTALLED ON POSTS/POLES WITH A MINIMUM 7 FEET CLEARANCE FROM THE GROUND TO THE BOTTOM OF THE SIGN.

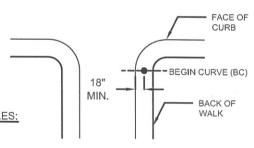
POSTS AND ANCHORS INSTALLATION:

CONTRACTOR SHALL DRIVE THE ANCHOR ASSEMBLY INTO THE GROUND LEAVING TWO HOLES (APPROXIMATELY 2") OF THE ANCHOR ASSEMBLY EXPOSED ABOVE THE SURFACE. THE SIGN POST SHALL THEN BE INSERTED AND RIVETED INTO THE ANCHOR ASSEMBLY. CONTRACTOR SHALL USE 30" LONG ANCHORS IN DIRT AND LANDSCAPE AREAS AND 24" LONG ANCHORS IN SIDEWALK AREAS.

HARDWARE FOR SIGN INSTALLATION ON EXISTING STREET LIGHT POLES:

57093

- BANDING MATERIAL 3/4" NO. C-206
- STRAIGHT LEG BRACKET GAL, NO. VCC260SG
- BUCKLE NO. C-256



TYPICAL STOP SIGN LOCATION

Revision

Date: 03-20-17

Checked: AB

APPROVED BY: No. 57093

ASSISTANT PUBLIC WORKS DIRECTOR

912-31417

CITY OF MOUNTAIN VIEW
PUBLIC WORKS DEPARTMENT
STANDARD DETAIL

18" MIN.

MIN.

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18" TELESPAR

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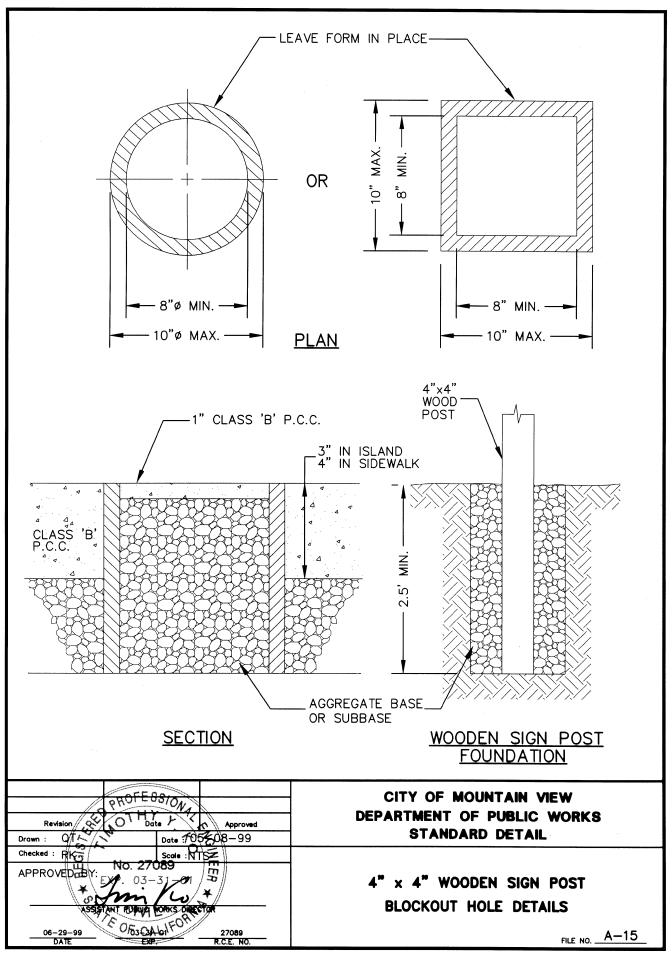
(OR APPROVED

ANCHOR ASSEMBLY

ANCHOR (DIRT/LANDSCAPE)

STOP SIGN

FILE NO. ____ A-14

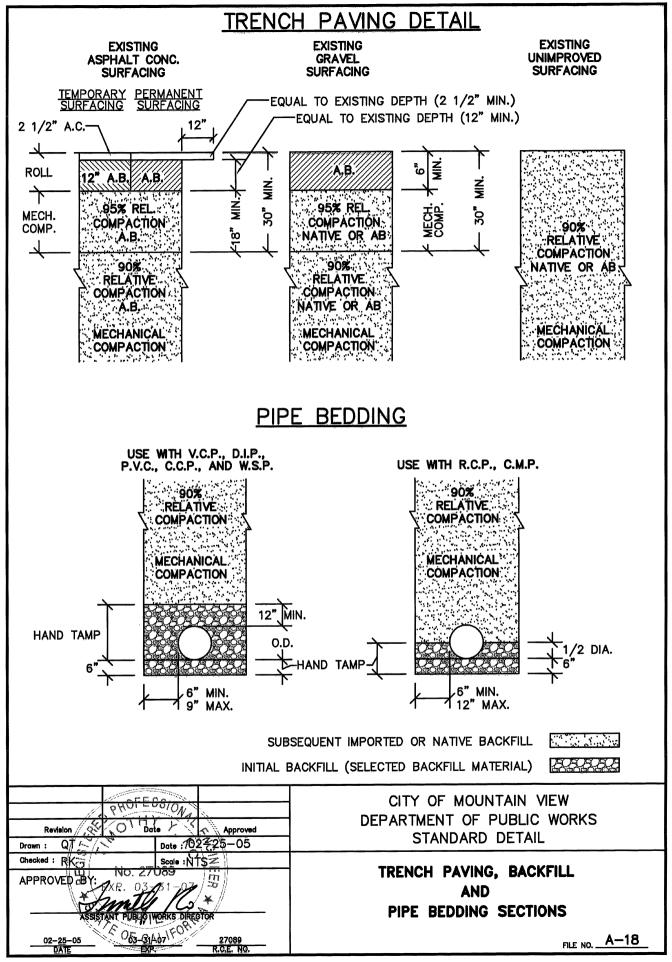


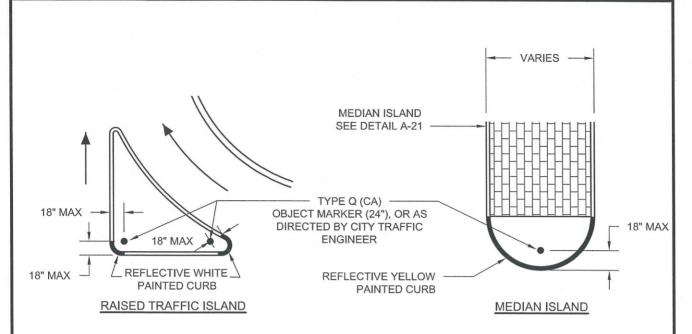
STANDARD DETAIL FOR CURB RAMPS

SEE LATEST CALTRANS STANDARD PLAN RSP A88A

NOTE: CITY ENGINEER TO APPROVE CURB RAMP CASE FOR EACH PROJECT APPLICATION

(PREVIOUS CITY DETAILS A-16 AND A-17 ARE NO LONGER IN USE)

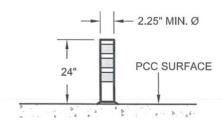




MARKER POSITION

NOTES:

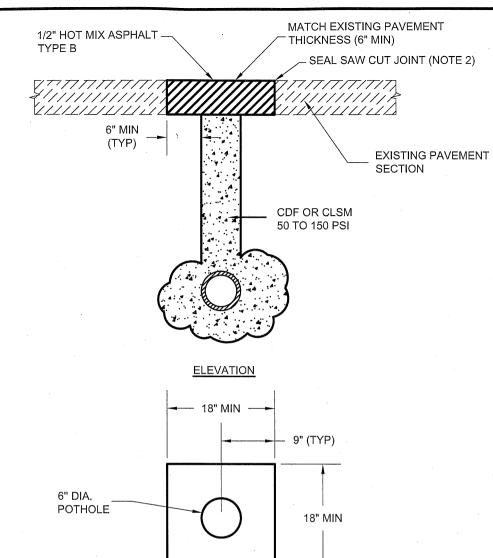
- INSTALL OBJECT MARKER AND R4-7 SIGN ONLY WHEN REQUIRED BY CITY TRAFFIC ENGINEER.
- TOP AND VERTICAL FACE OF MEDIAN CURB SHALL RECEIVE TWO COATS OF REFLECTIVE YELLOW PAINT.
- TOP AND VERTICAL FACE OF RAISED TRAFFIC ISLAND CURB SHALL RECEIVE TWO COATS OF REFLECTIVE WHITE PAINT.
- USE BUNDY ADHESIVE PAD OR CITY-APPROVED ADHESIVE MATERIAL TO ATTACH OBJECT MARKER TO THE SURFACE.



TYPE Q (CA) MARKER INSTALLATION

CITY OF MOUNTAIN VIEW PUBLIC WORKS DEPARTMENT Revision Approved STANDARD DETAIL Date: 02-28-17 Drawn . AB Scale: NTSZ **OBJECT MARKERS** 92-37-MZ/F 57093 A-19 FILE NO. .

R.C.F. NO



CDF - CONTROLLED DENSITY FILL CLSM - CONTROLLED LOW-STRENGTH MATERIAL

CDF OR CLSM SHALL CONSIST OF THE FOLLOWING:

MATERIAL	VOLUME
CEMENT (1 SACK)	0.48
FLYASH	1.57
WATER	4.81
3/8 " PEAGRAVEL	6.93
SAND	9.84
ENTRAINED AIR	3.37
TOTAL	27.00

NOTES:

PLAN VIEW

- FOR EXPLORATORY POTHOLE WITHIN SIDEWALK, FULL PCC PANEL SHALL BE REMOVED AND REPLACED TO NEAREST SCORE JOINTS, OR AS DIRECTED BY CITY ENGINEER.
- 2. USE CRACK TREATMENT MATERIAL PER STANDARD SPECIFICATIONS.

Revision

Date: 95-13-14

Checked: LA

Approved

Scale: NTS

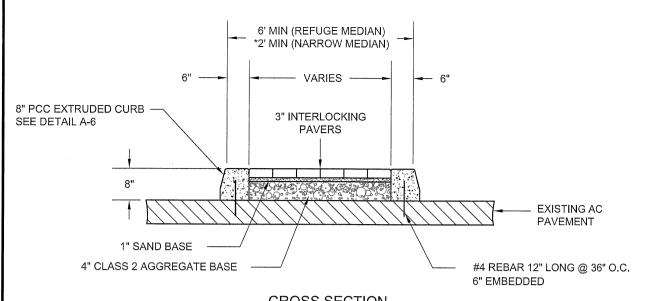
APPROVED BY: No. 57093

57093

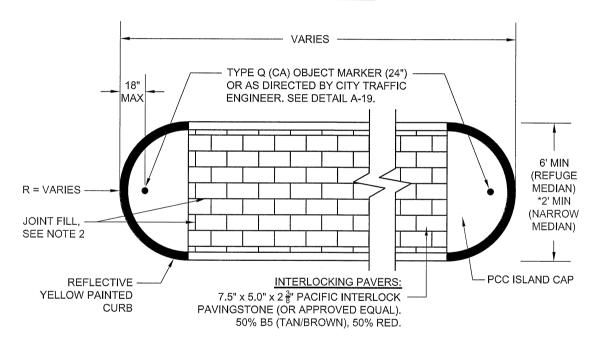
CITY OF MOUNTAIN VIEW
DEPARTMENT OF PUBLIC WORKS
STANDARD DETAIL

EXPLORATORY POTHOLE RESTORATION

FILE NO. ____A-20



CROSS SECTION



PLAN

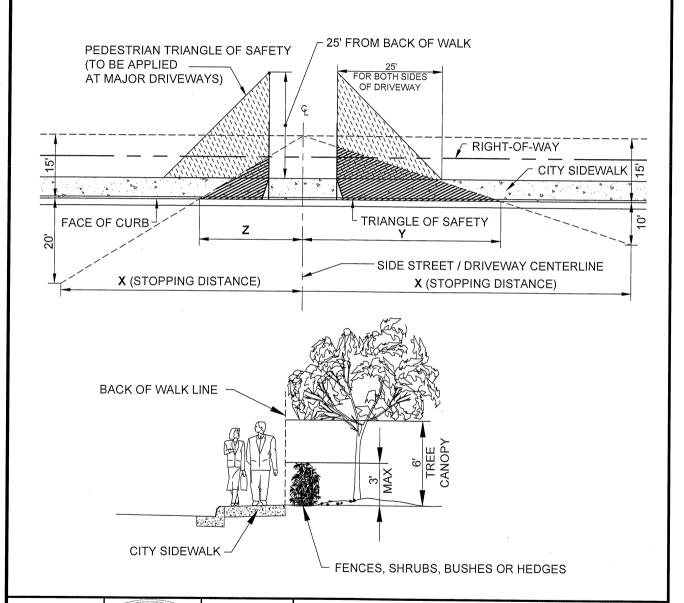
NOTE:

- TOP AND VERTICAL FACE OF MEDIAN CURB SHALL RECEIVE TWO COATS OF REFLECTIVE YELLOW PAINT.
- POLYMERIC SAND SHALL BE ADDED IN JOINTS OF PAVERS.

NARROW MEDIAN ISLANDS ONLY APPLICABLE AS PART OF NEIGHBORHOOD TRAFFIC MANAGEMENT PROGRAM (NTMP) IMPROVEMENTS.

CITY OF MOUNTAIN VIEW 01/01 - 00/01 PUBLIC WORKS DEPARTMENT Date Revision Approved STANDARD DETAIL Date: 04-10-17 Drawn: Checked: ΑB Scale: NTS MEDIAN ISLAND **HARDSCAPED** 92-37.47.1FO 57093 A-21 FILE NO. .

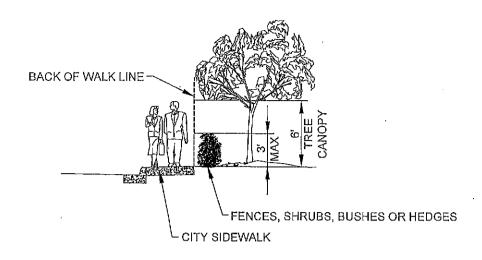
SPEED (MPH)	STOPPING DISTANCE (FT)	Y (FT)	Z (FT)
25	150	90	65
30	200	120	85
35	250	150	110
40	300	180	130

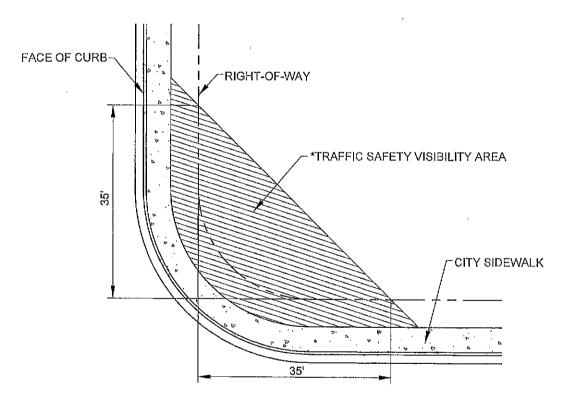


 CITY OF MOUNTAIN VIEW
PUBLIC WORKS DEPARTMENT
STANDARD DETAIL

SIDE STREET / DRIVEWAY
TRIANGLE OF SAFETY

FILE NO. ____A-22





*MOUNTAIN VIEW CITY CODE CHAPTER 36 ZONING SEC. 36.34.10m CORNER TREATMENT STANDARD FOR LANDSCAPING AND FENCING

Revision Pale AND Approved

Drawn: TE Date: 98-26-2016

Checked: 193-12 Scale: NTS

APPROVED BY NO. 57093

PALE 1931-2016

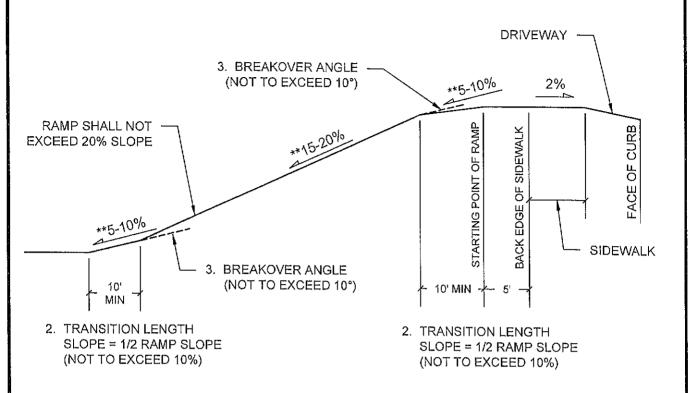
57093

R.C.E. NO.

CITY OF MOUNTAIN VIEW
PUBLIC WORKS DEPARTMENT
STANDARD DETAIL

CORNER / INTERSECTION VISIBILITY
TRAFFIC SAFETY VISIBILITY AREA

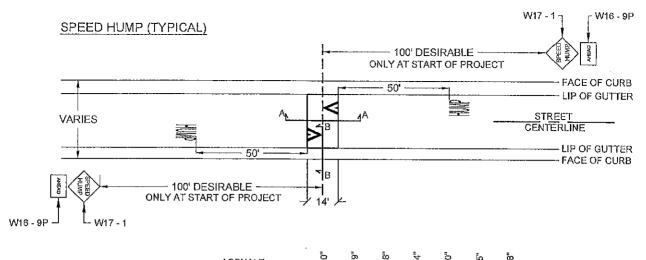
FILE NO. __ A-23

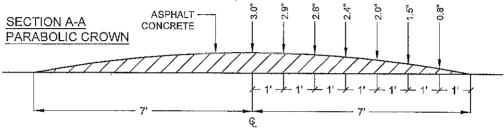


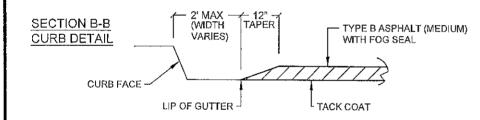
NOTES:

- ** THE SLOPE RANGE IS A GUIDE AND DOES NOT MEAN USING MAX SLOPE IN EVERY CASE.
- 1. A DISTANCE OF 5 FEET SHALL BE MAINTAINED AT THE SAME SLOPE AS THE SIDEWALK FROM THE BACK EDGE OF THE SIDEWALK TO THE STARTING POINT OF THE RAMP.
- 2. THE FIRST AND LAST 10 FEET OF THE SLOPE GRADE (TRANSITION LENGTH) SHALL NOT EXCEED 10 PERCENT.
- 3. THE REMAINING PORTION OF THE RAMP SHALL NOT HAVE A SLOPE GREATER THAN 20 PERCENT AND THE BREAKOVER ANGLE SHALL NOT EXCEED 10 DEGREES.
- 4. MINIMUM RAMP WIDTH (TWO-WAY) FOR ABOVE AND BELOW GROUND PARKING FACILITIES) SHALL BE 22 FEET.
- 5. THE SLOPE OF ALL PARKING AREAS SHALL NOT EXCEED 7 PERCENT.

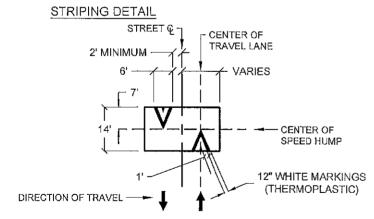
Revision & Dale CHO A Approved	CITY OF MOUNTAIN VIEW PUBLIC WORKS DEPARTMENT
Drawn : TE Checked : DG → Scale : NTS = 1.	STANDARD DETAIL
APPROVED BY NO. 57093 \$ 59 MON	UNDERGROUND GARAGE DRIVEWAY RAMP
9 2 2016 92-31-17 FOR 57093 DATE EXP R.C.E. NO.	file NoA-24

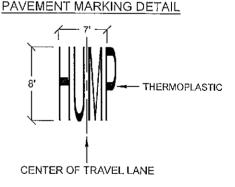






NOTE: STRIPING, SIGNING, AND TRAFFIC MARKINGS SHALL NOT BE INSTALLED UNTIL APPROVAL IS GRANTED BY THE ENGINEER.





	11-12-12	
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Revision //	Dale	
Drawn: TE/ ペ/	Date: 08\25,2016	
Checked: D贷汽店	Scale: NTS Z	
APPROVED BY	.Ne. 57093 美也	
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9/1/2016	124316200.6	
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CITY OF MOUNTAIN VIEW PUBLIC WORKS DEPARTMENT STANDARD DETAIL

SPEED HUMP

FILE NO. A-25